

## ABSTRACT OF THE DISCLOSURE

The invention relates to a method for adjusting the gearbox actuation system of an automatic gearbox of a vehicle, whereby at least one reference travel is made with the gear engaged. The invention further relates to a gearbox actuation system for selecting and engaging gears in an automatic gearbox of a vehicle, especially for carrying out the inventive method, whereby at least one reference travel is made for the purpose of adjustment.